

Mosaic has a rich history that dates thousands of years, and is one of the original sustainable products. For centuries, artisans have used stone, pebbles, glass and even shells to create low resource, low maintenance, high visual impact mosaic imagery. Mosaic's inherent durability and sustainability along with its timeless beauty makes it the ultimate choice for sustainable surfaces.

Artaic is committed to promoting and contributing to a clean and safe environment with the implementation of sustainable design through the art and lasting beauty of mosaic.

## **Life Cycle**

Tile used in mosaic has an outstanding record of durability and performance, making it one of the most capital efficient surface finishing materials over time. Unlike other flooring products such as carpet, vinyl, and laminate flooring, glass and natural stone tile will last the life of the structure, if not longer, with little maintenance or wear.

## **Reused and Recycled Content**

Artaic utilizes recycled materials when possible and encourages clients to make sustainable choices. Artaic offers recovered stone and recycled glass tiles in a variety of colors and finishes.

## **Indoor Air Quality**

Artaic's mosaic tile contains zero Volatile Organic Compounds (VOCs) or other harmful substances, even in the case of fire. In addition, there are GREENGUARD certified adhesives and grouts available that contain zero, or very low VOC's. The non-porous tile material is antimicrobial, hypoallergenic, does not attract dust or dirt, and does not accumulate moisture, helping to maintain a mold free environment. Mosaic tiles require very low maintenance and can be cleaned with warm water, eliminating the need for harmful chemicals.

## **Energy Efficiency**

Mosaic tiles have high thermal mass and can store thermal energy to stabilize temperature swings. High thermal mass value maintains cool in hot climates, and warmth in cold climates. LED front- and backlights are also an option for illuminating projects, offering a long lasting,

efficient light source highlighting the beauty of Artaic mosaics.

## **Renewable Energy**

Artaic supports alternate sources of clean power. Approximately 10% of Artaic's annual energy usage is sourced from wind power generated in the US.

## **Regional Availability**

Artaic's custom mosaics are produced at our facility in Boston, Massachusetts. Installation materials for these mosaics are available to be sourced within 500 miles of our location. This results in low amounts of energy consumption and air emissions when transporting products to any job site in the northeastern United States.

## **Waste Management**

With proprietary precision technology, Artaic is able to manufacture the exact amount of tile needed for the project using our "Print-to-Fit" technique, considerably reducing the amount of time and waste during installation and significantly reducing the impact on our environment.

## **Innovation in Design**

Artaic exemplifies design innovation by combining disruptive technologies with sophisticated practices to revolutionize the mosaic industry. This art form is made more accessible through reducing labor barriers with mechanization of the fabrication process with robotic assembly systems and Artaic's proprietary design software, Tylist. <sup>TM</sup>